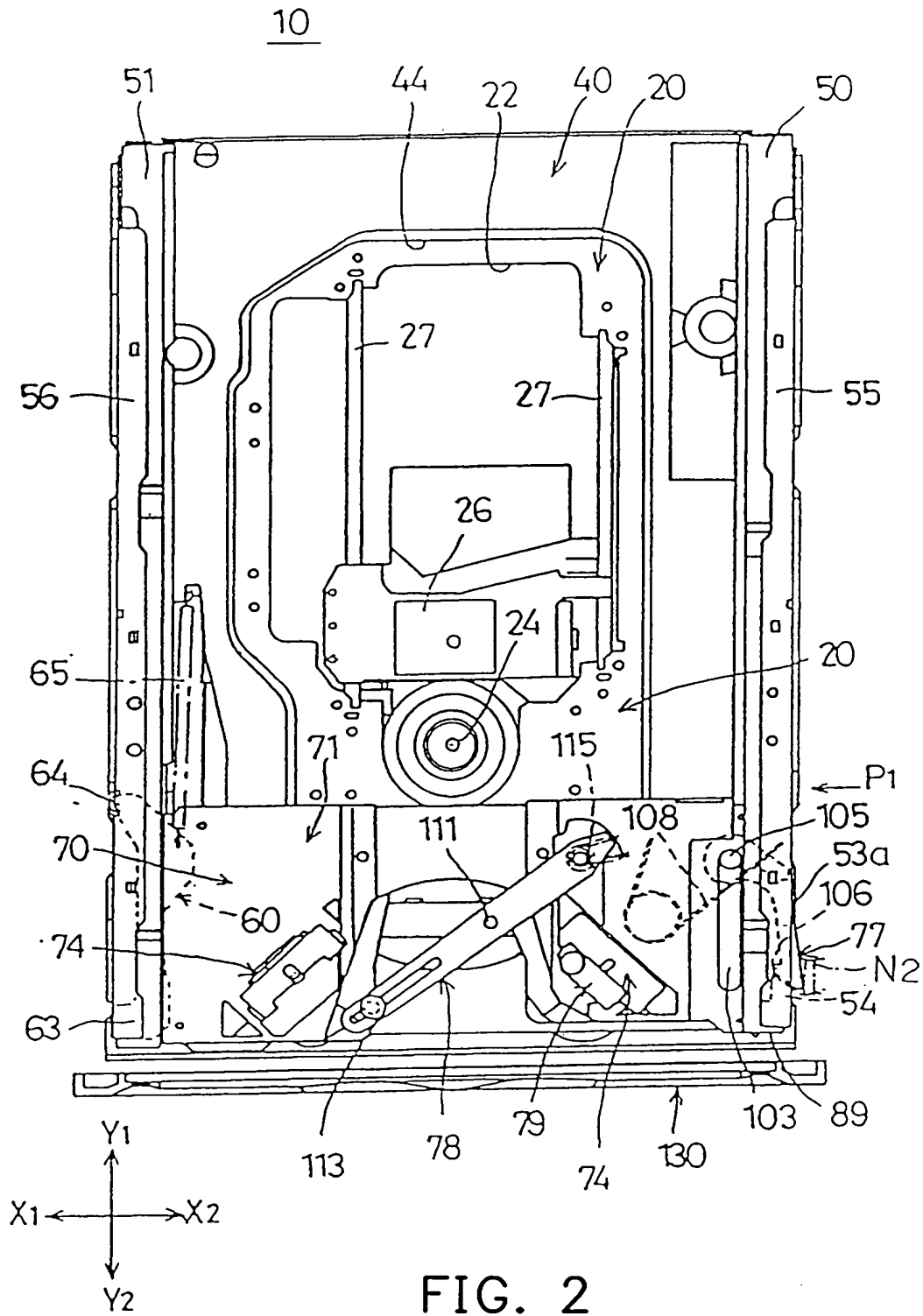


FIG. 1



10

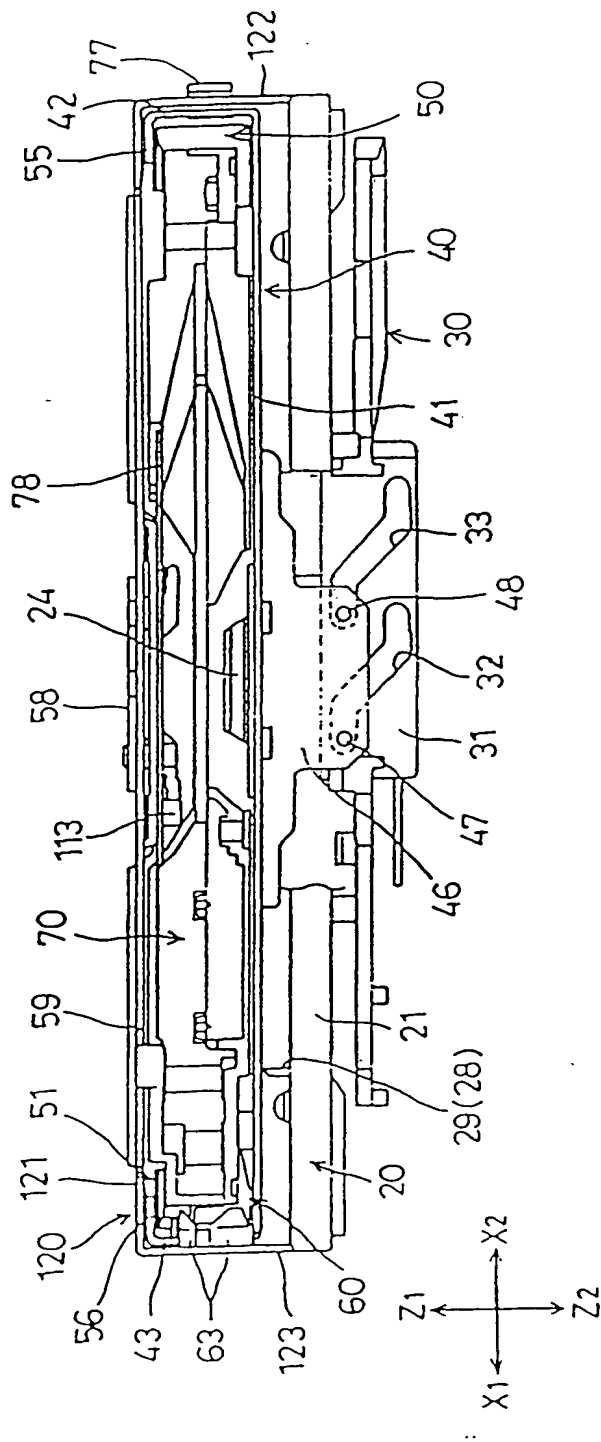


FIG. 3

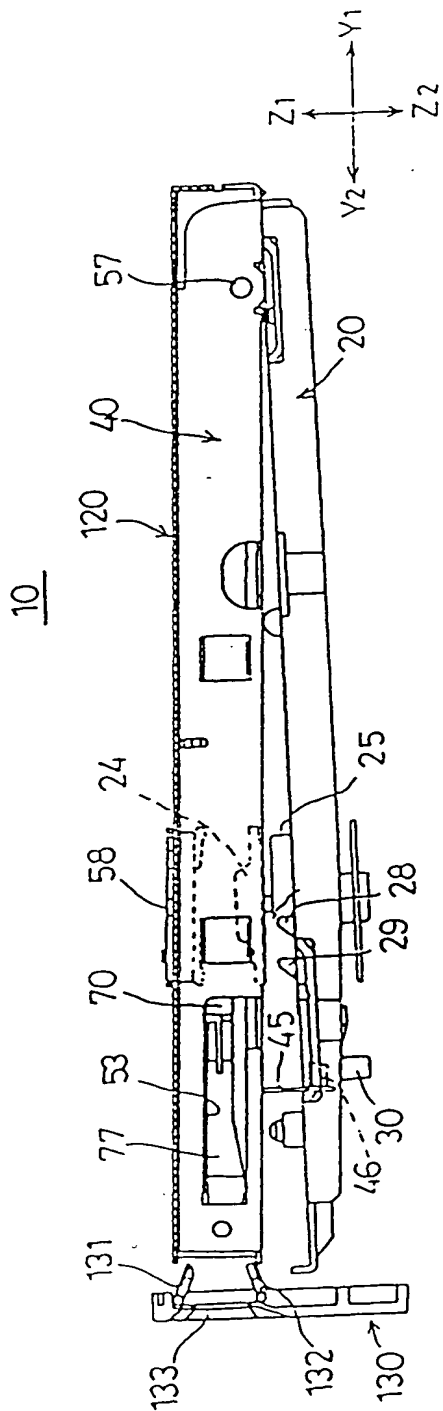


FIG. 4A

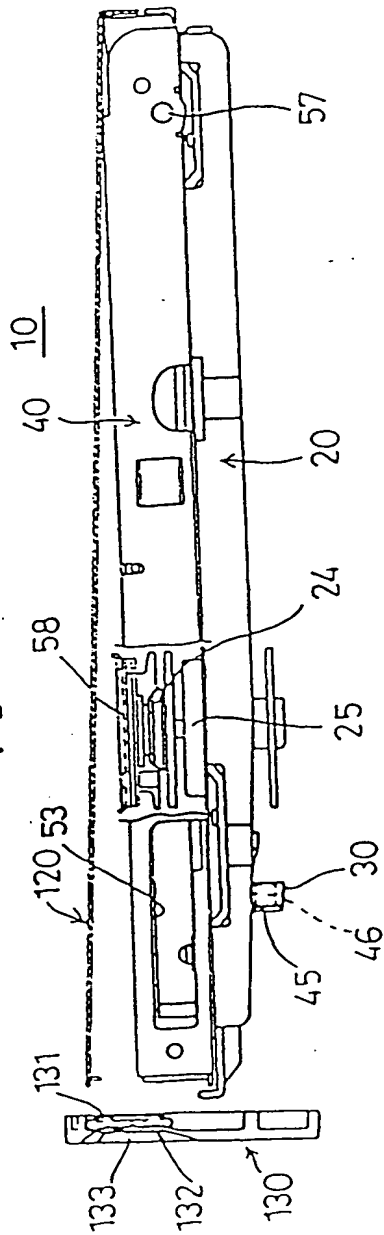


FIG. 4B

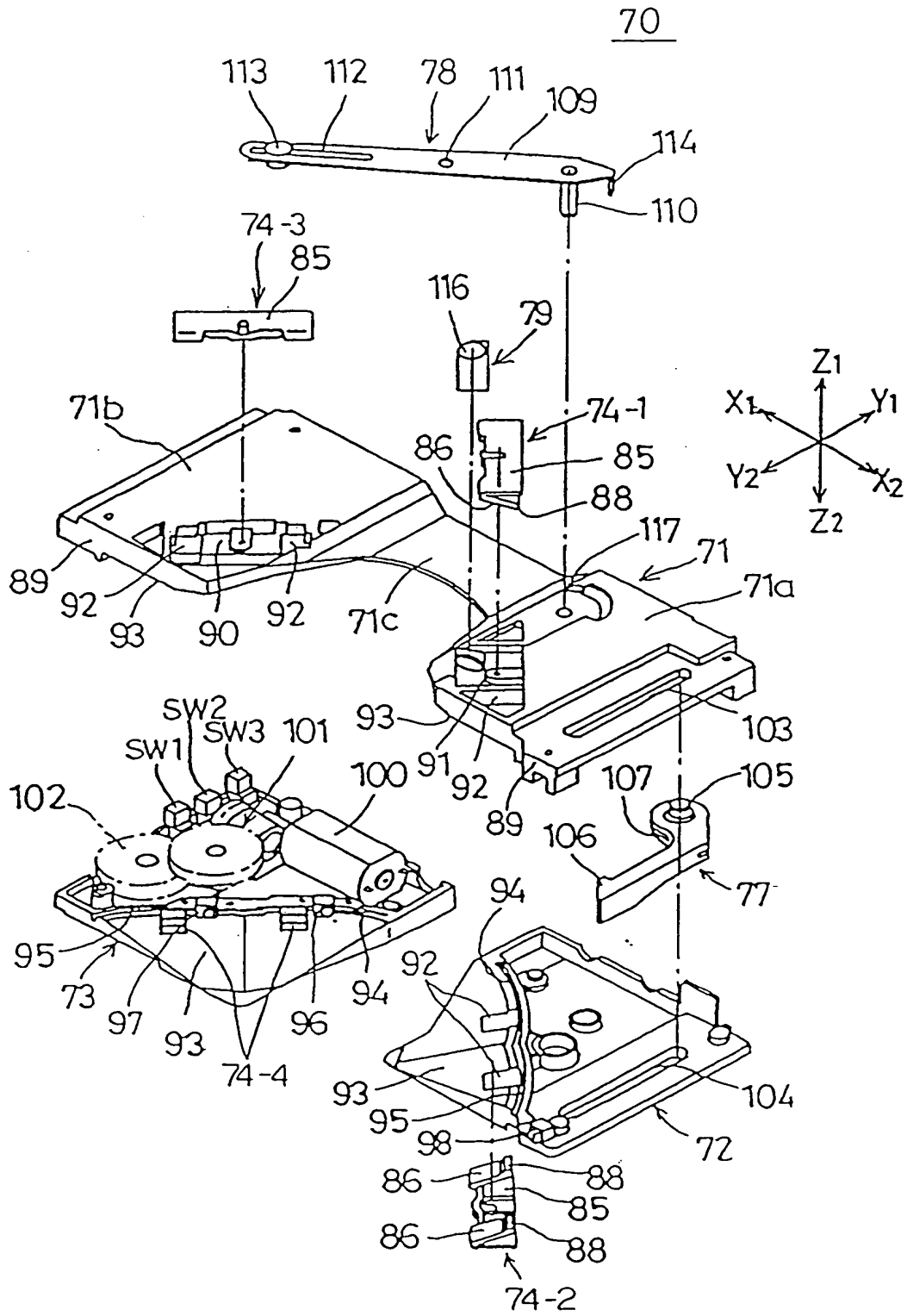


FIG. 5

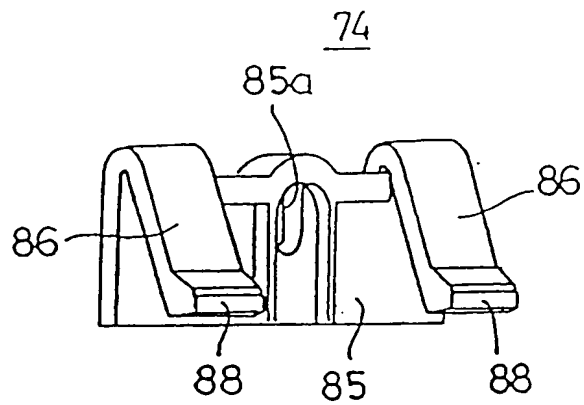


FIG. 6A

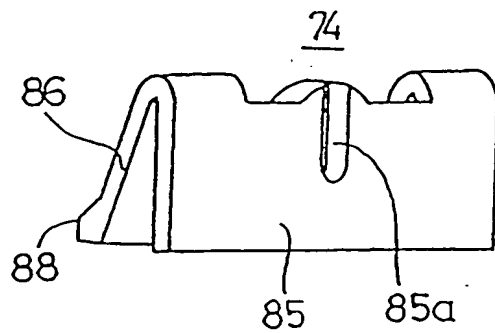


FIG. 6B

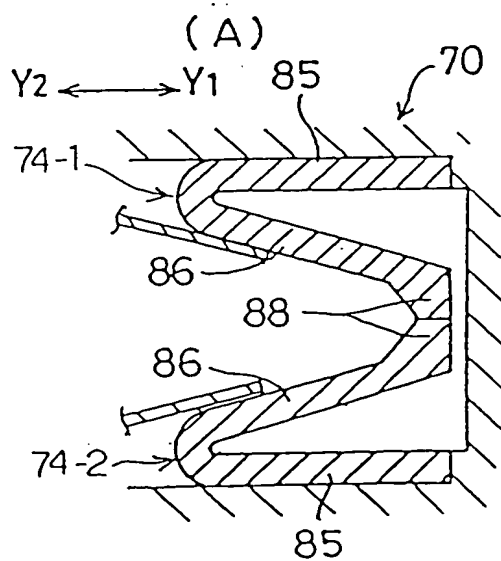


FIG. 7A

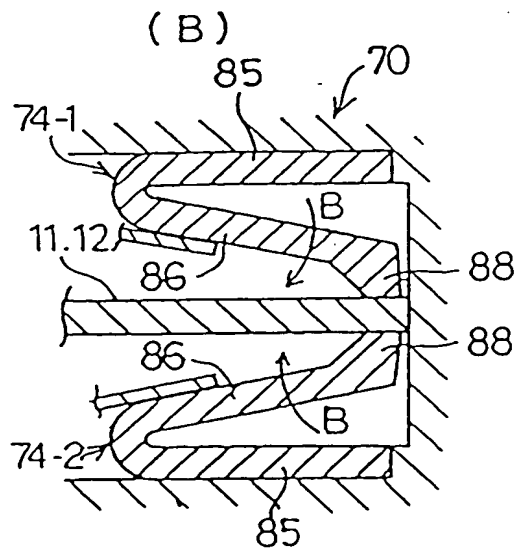


FIG. 7B

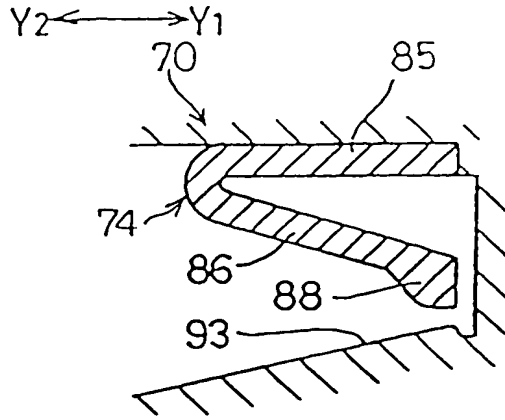


FIG. 8A

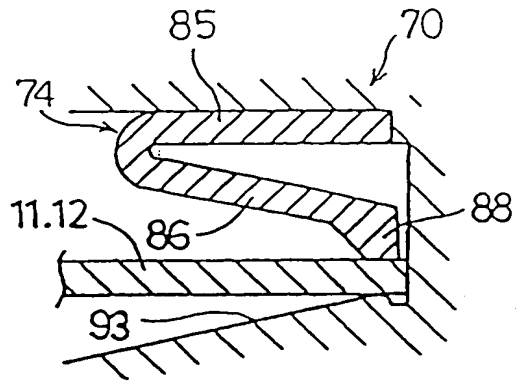


FIG. 8B

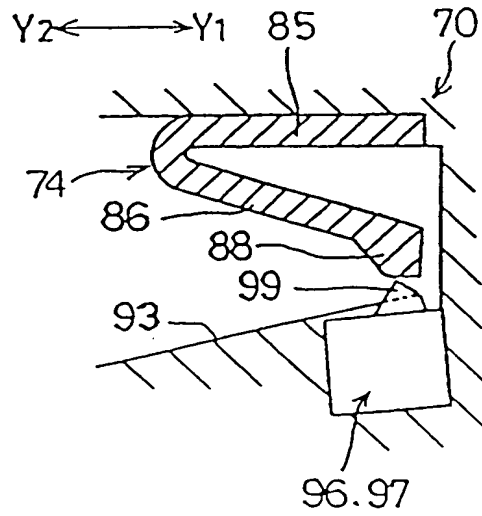


FIG. 9A

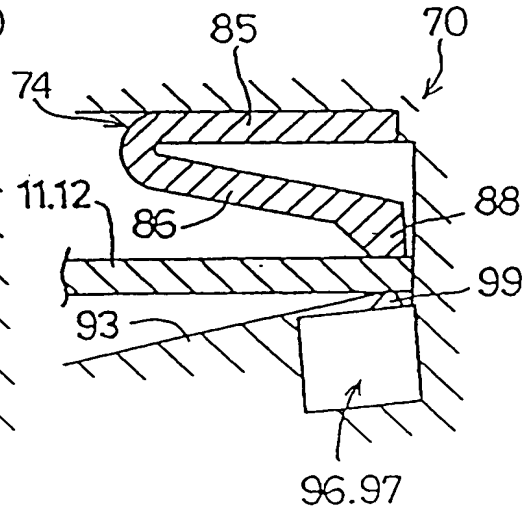


FIG. 9B

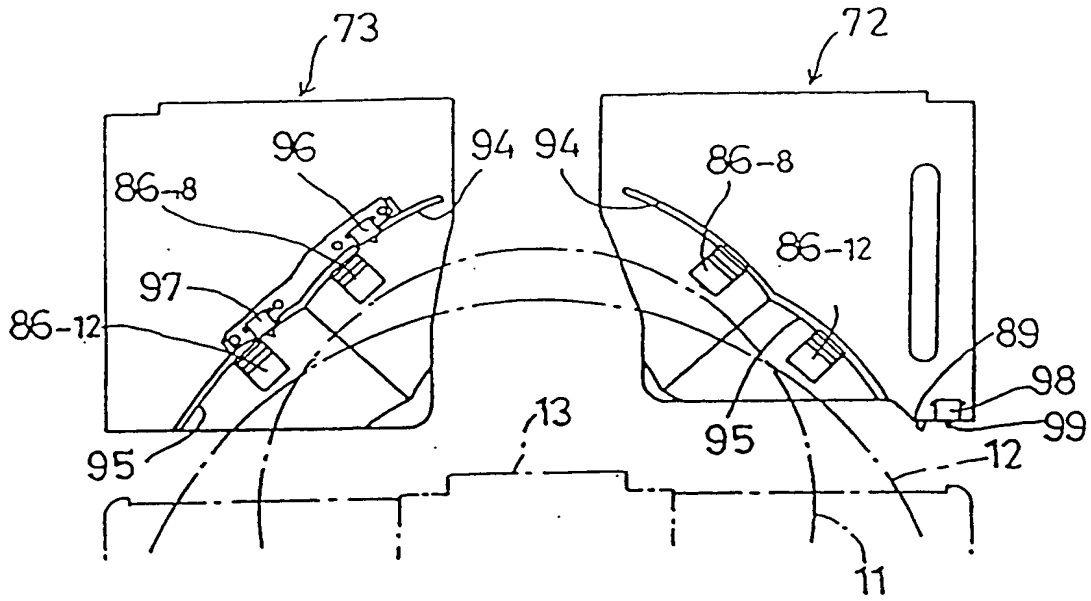


FIG. 10A

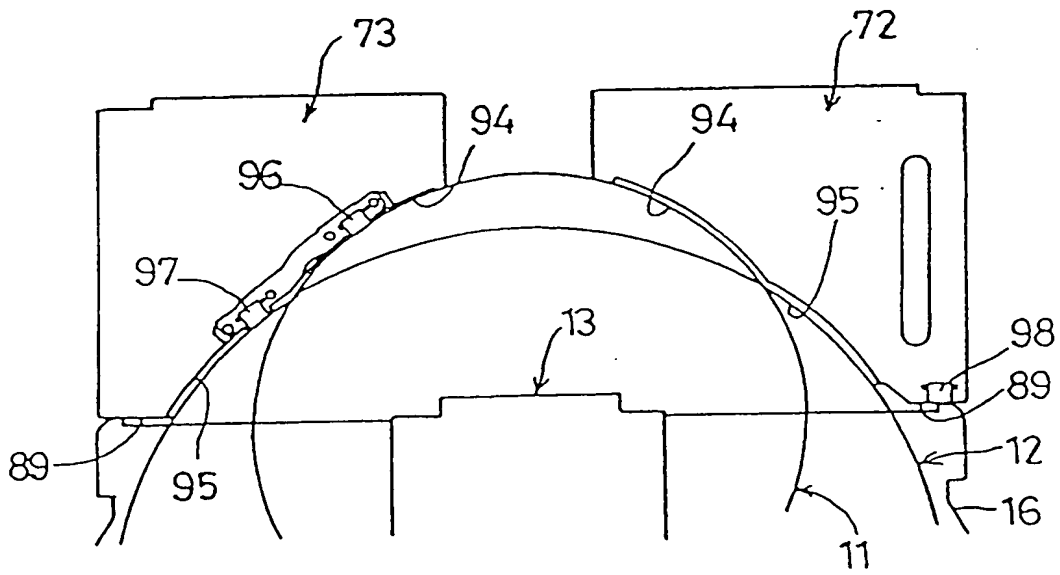


FIG. 10B

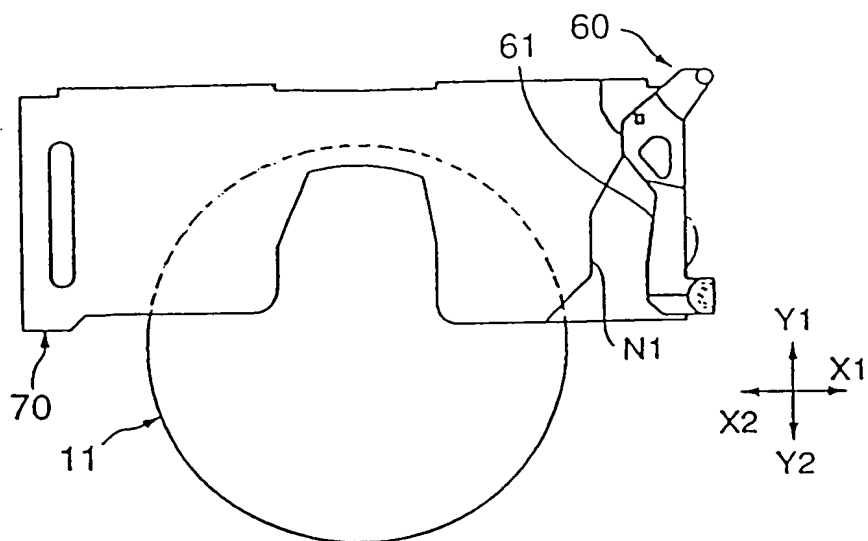


FIG. 11A

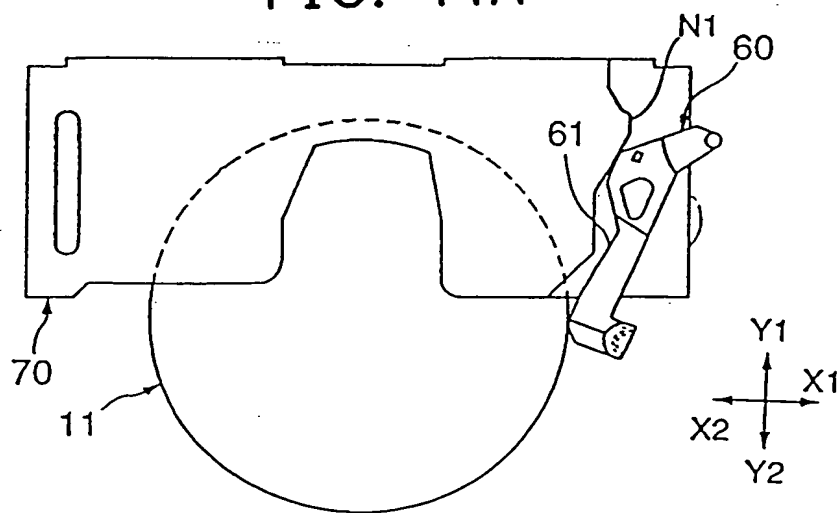


FIG. 11B

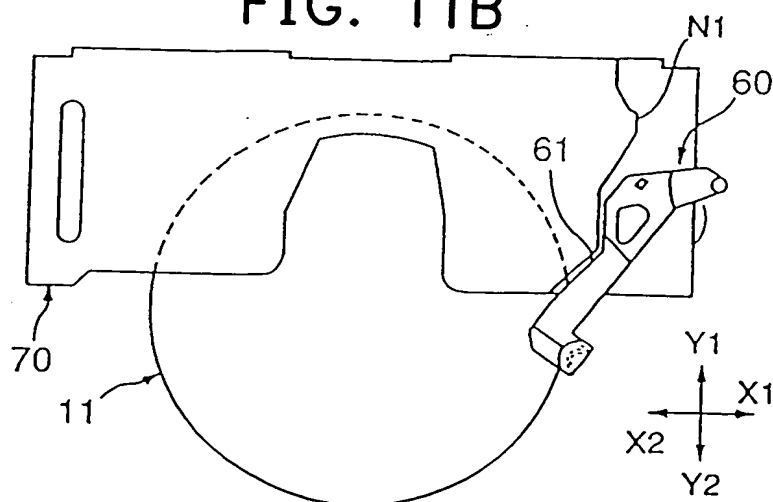
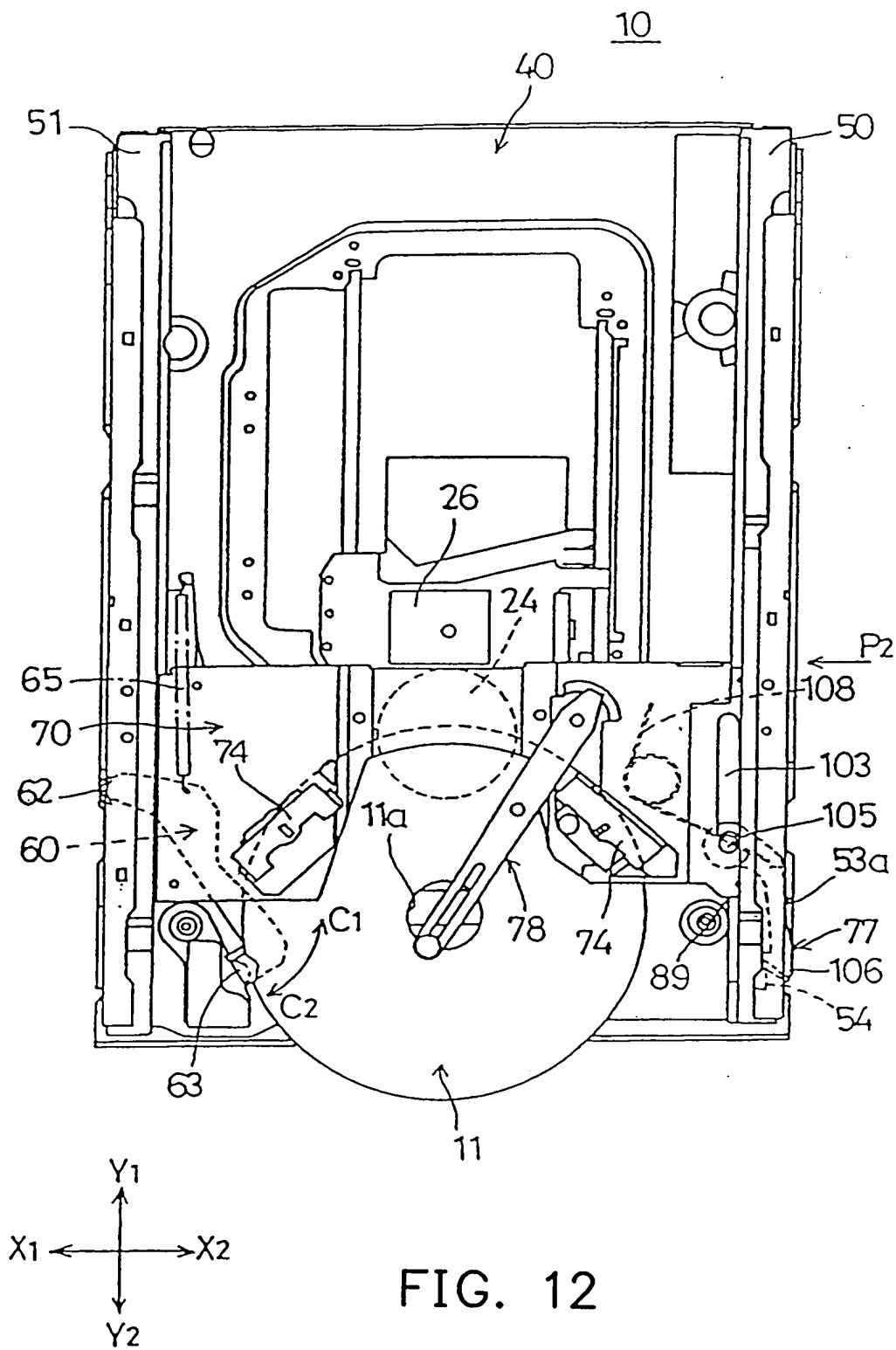


FIG. 11C



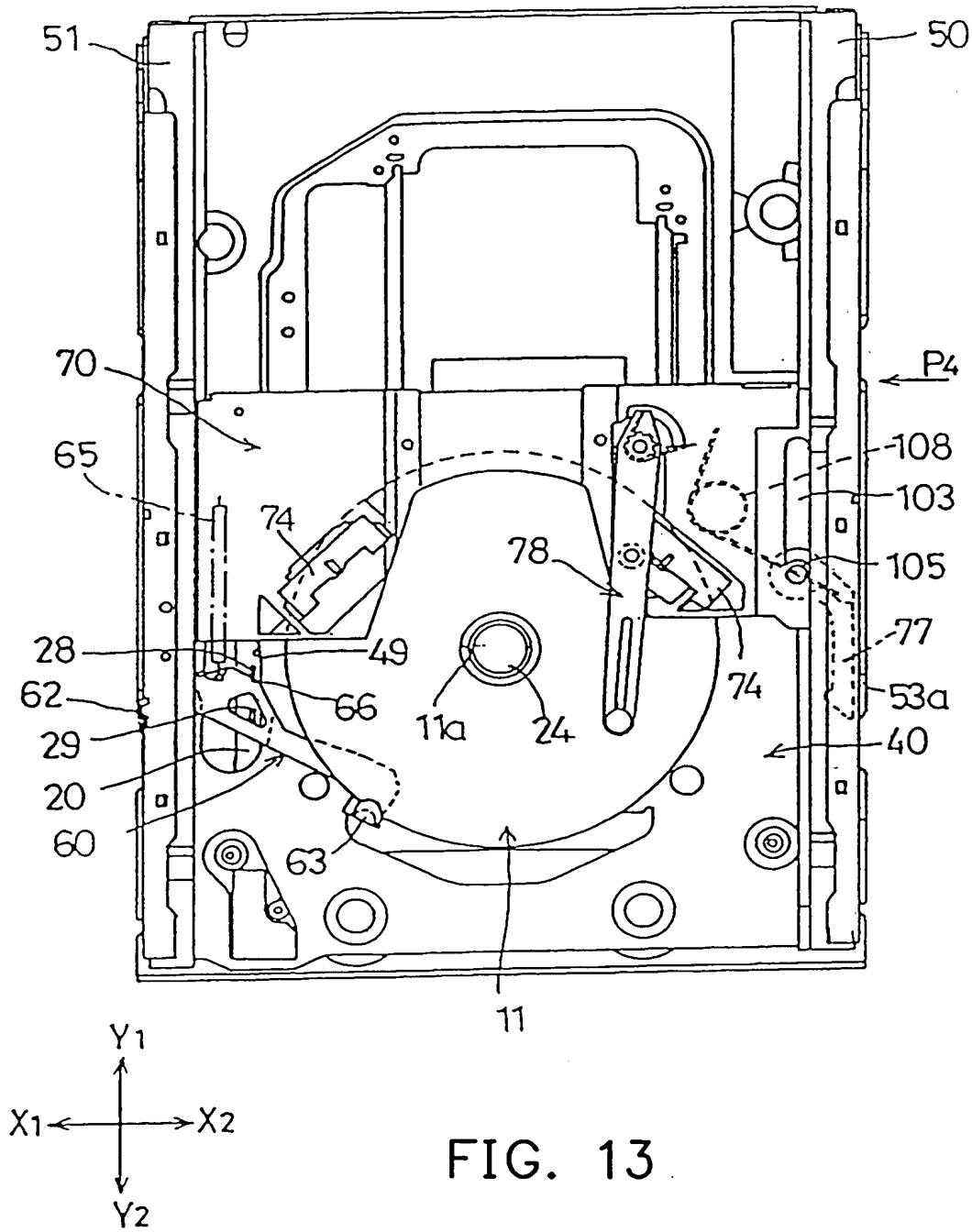


FIG. 13



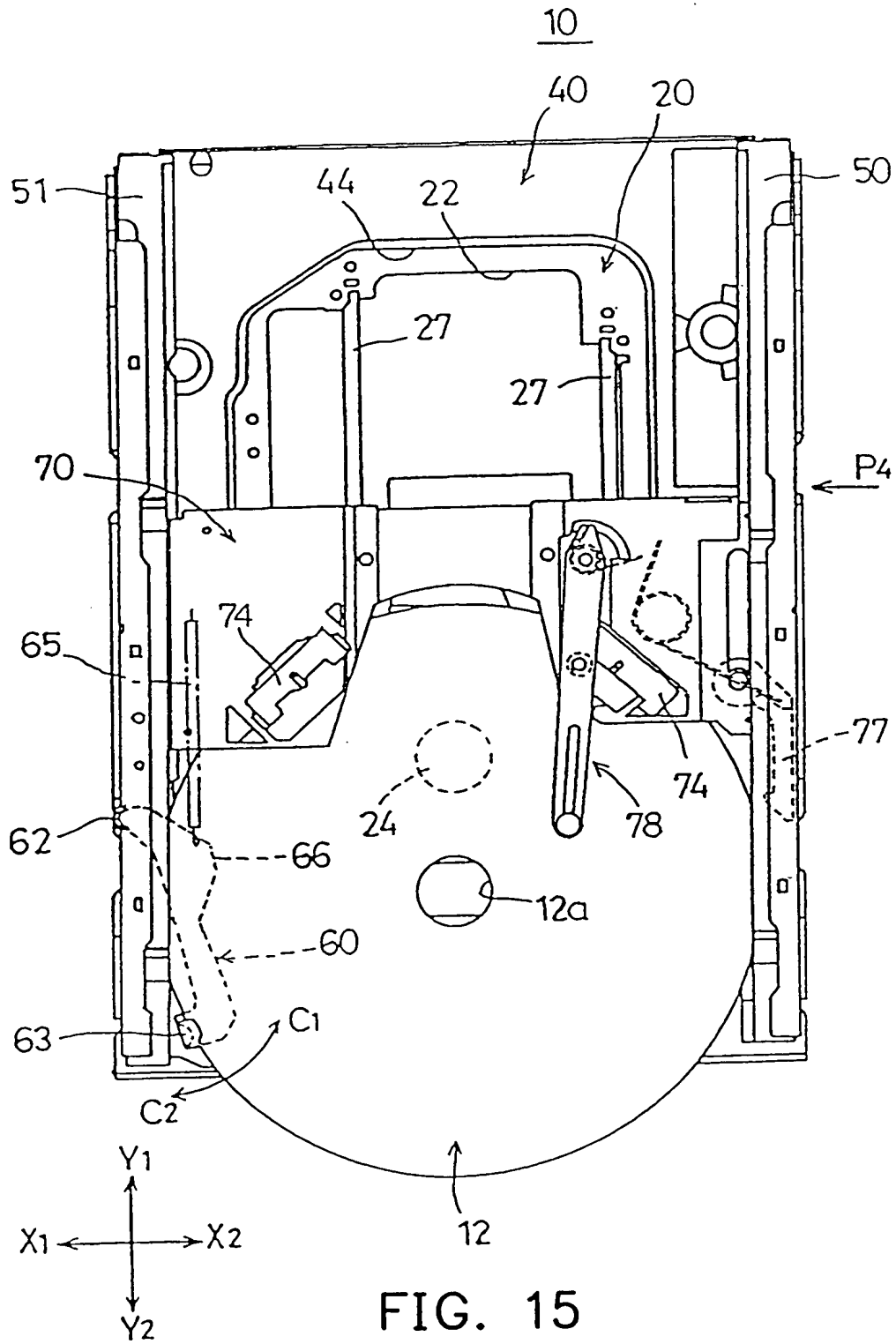


FIG. 15

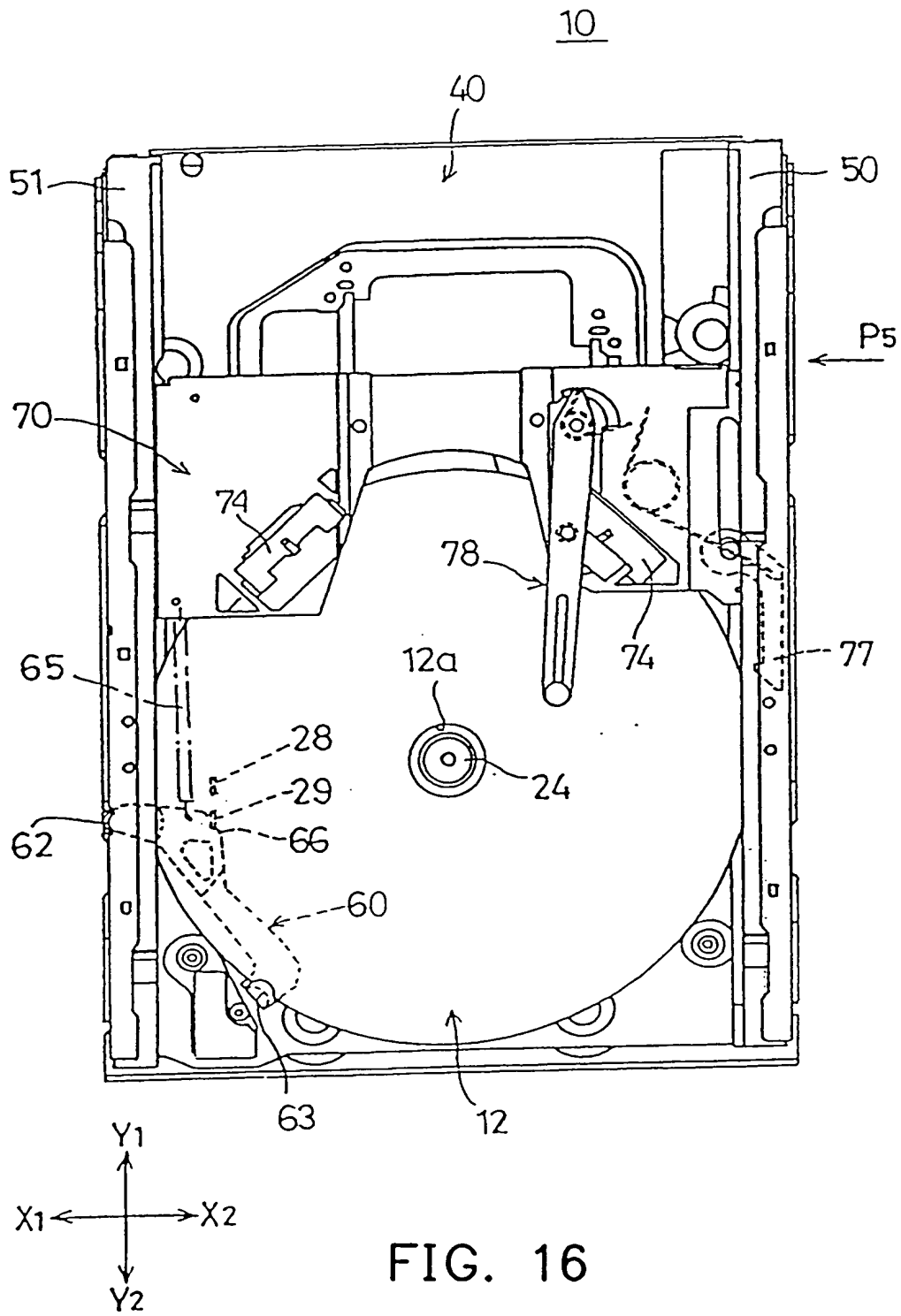


FIG. 16

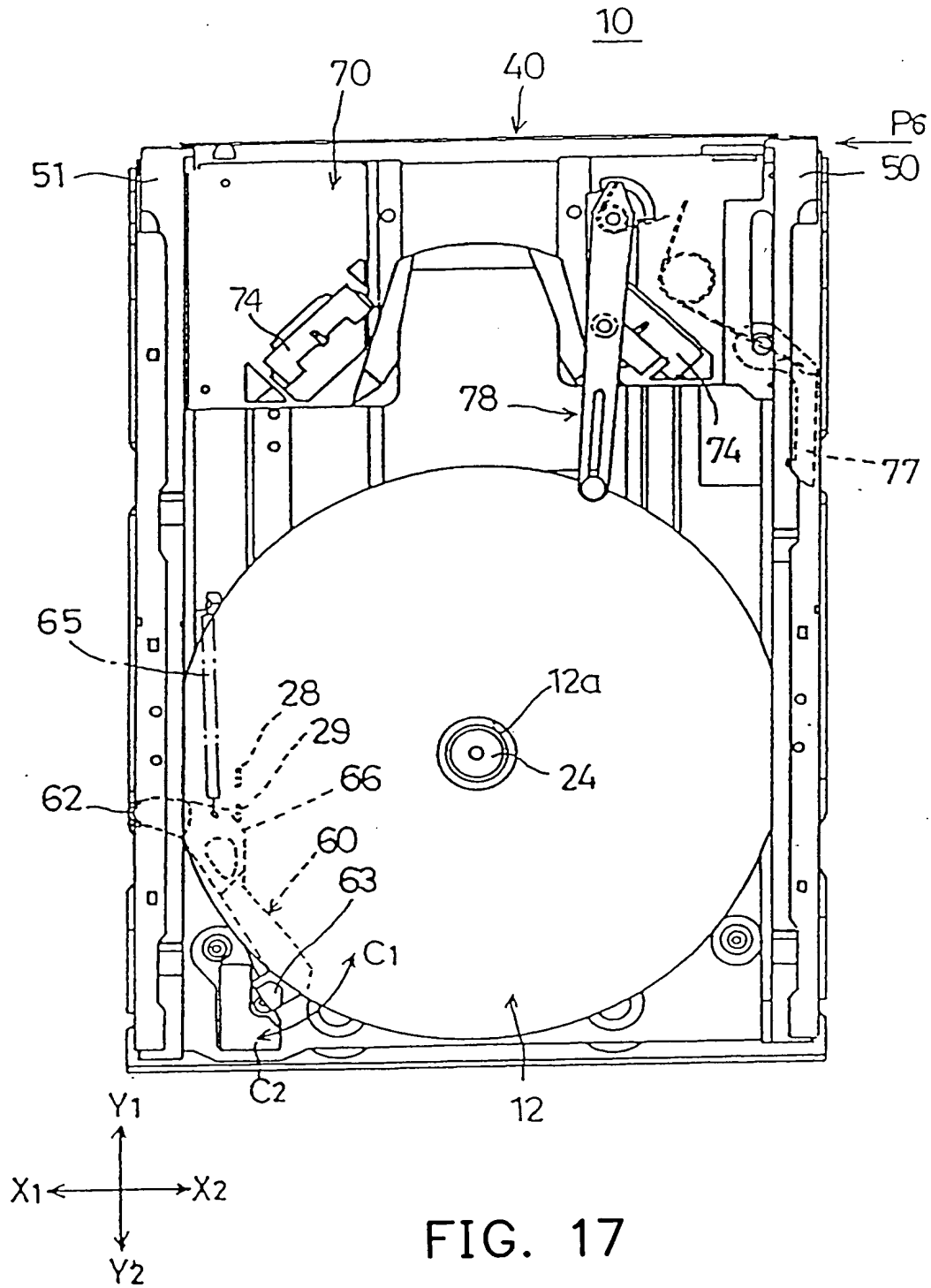


FIG. 17

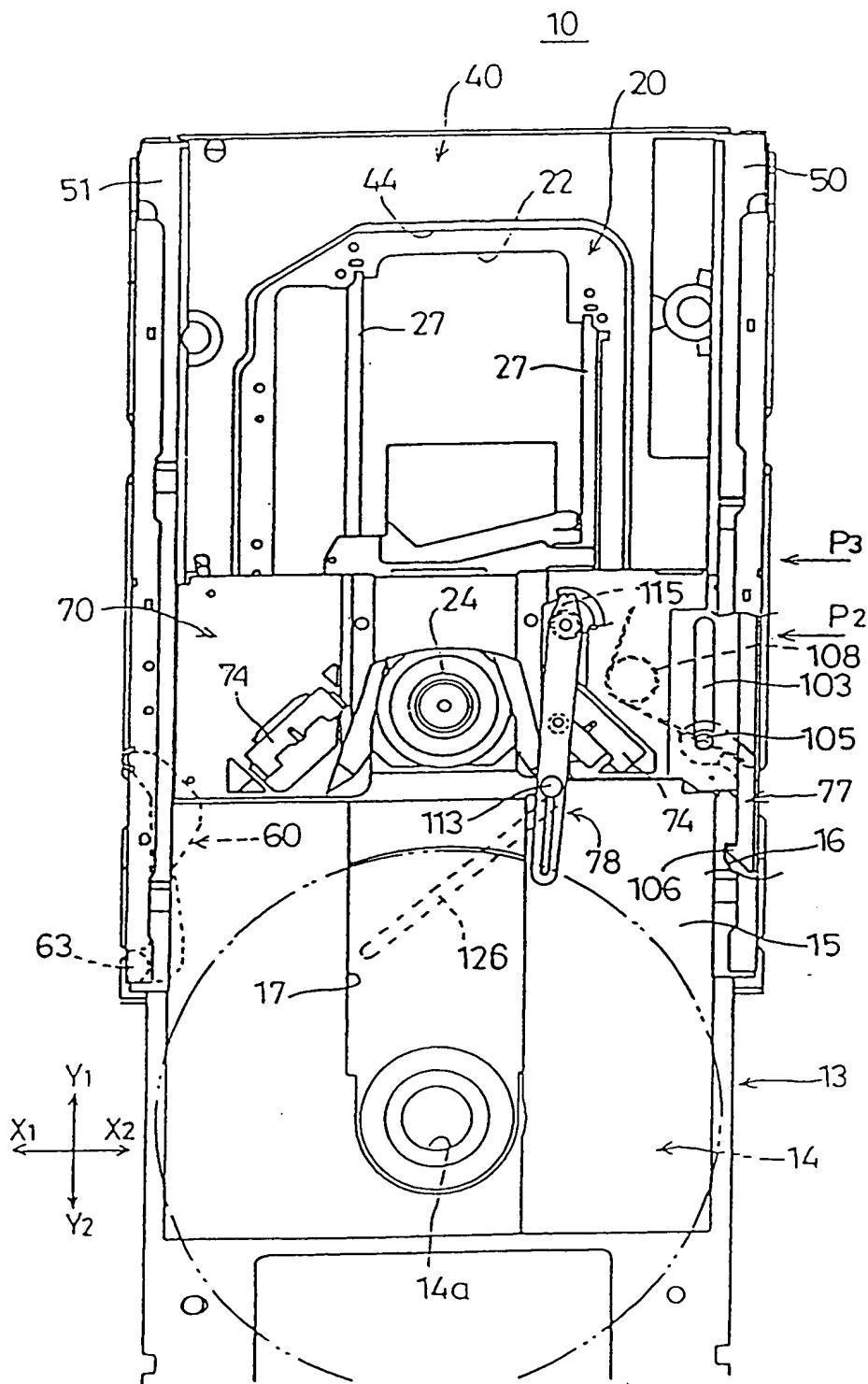


FIG. 18

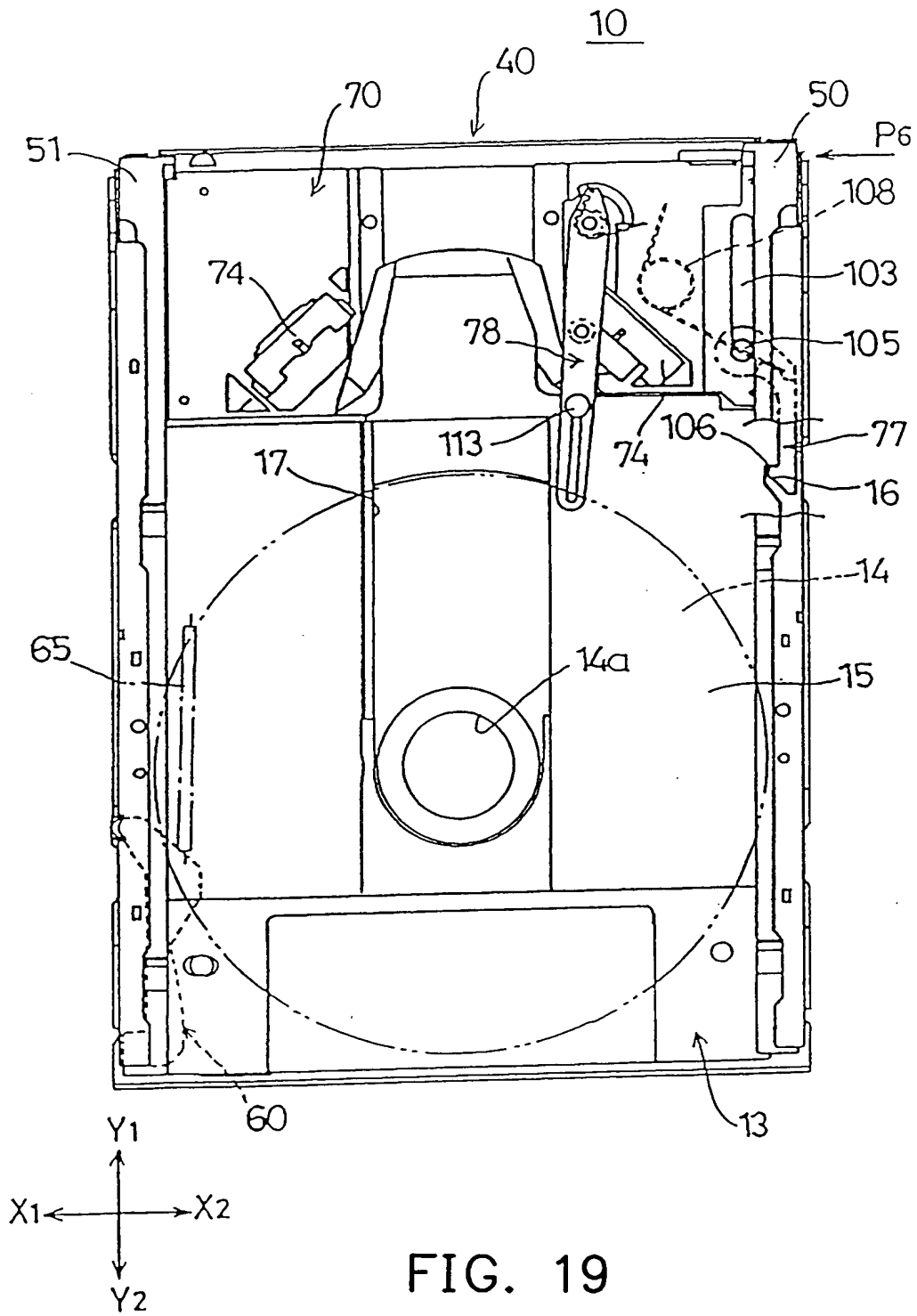


FIG. 19

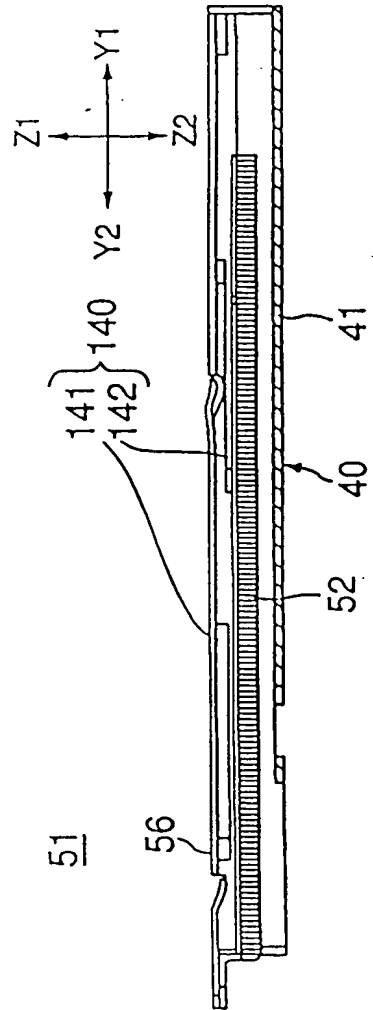
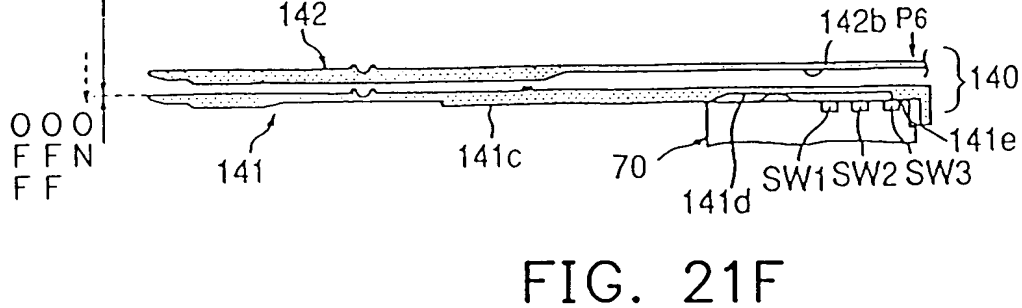
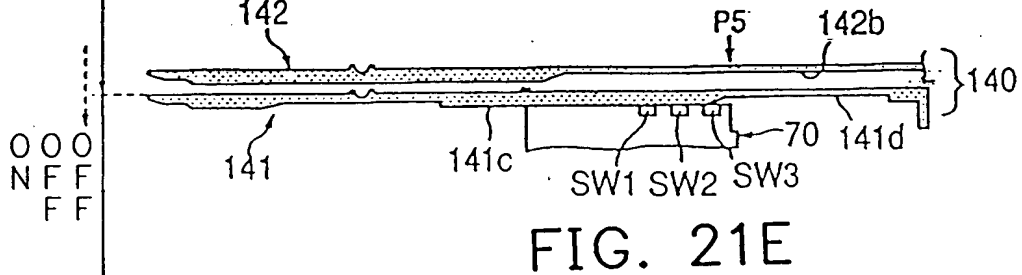
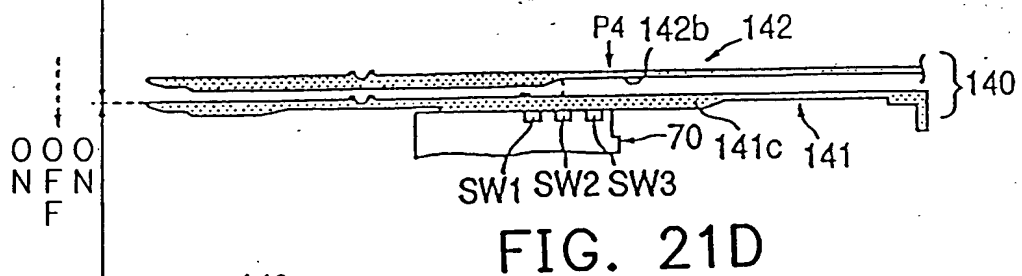
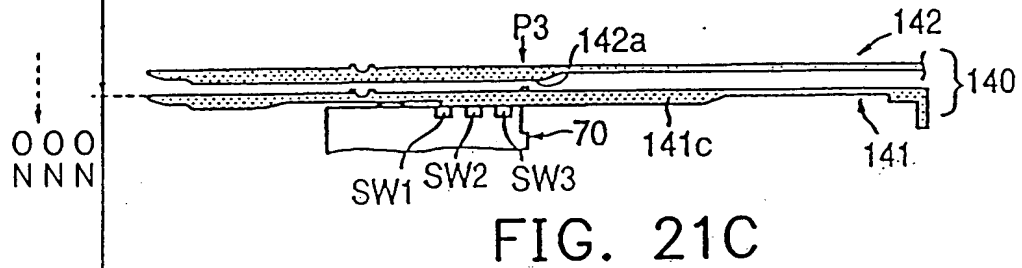
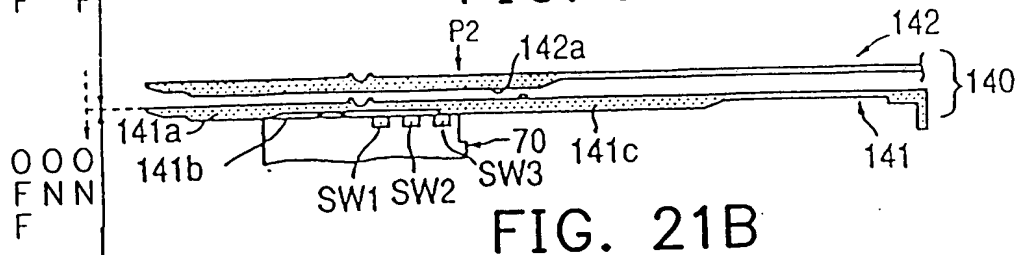
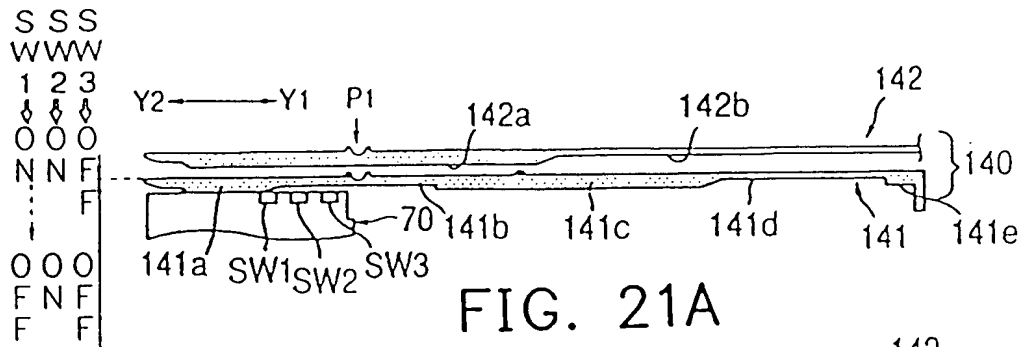


FIG. 20



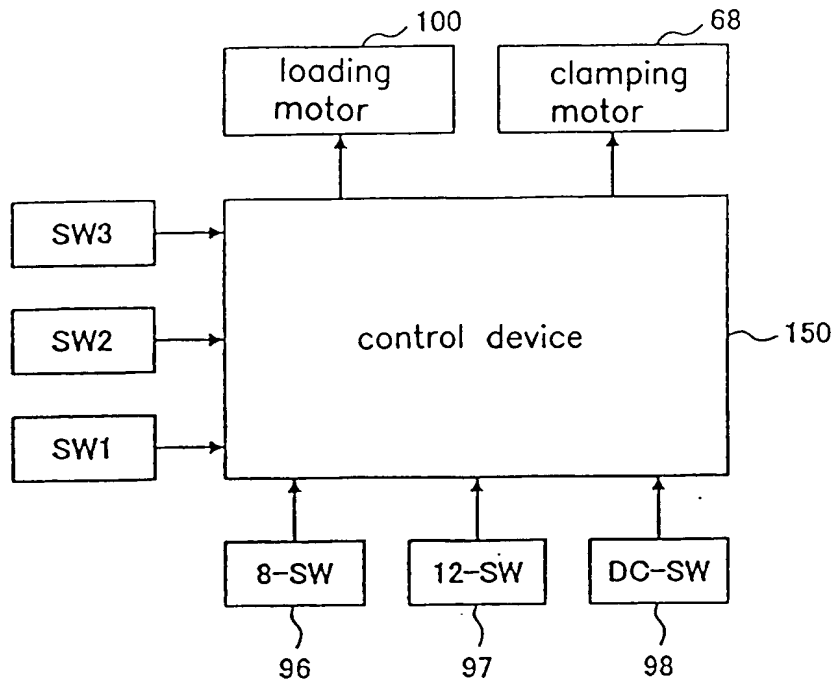


FIG. 22

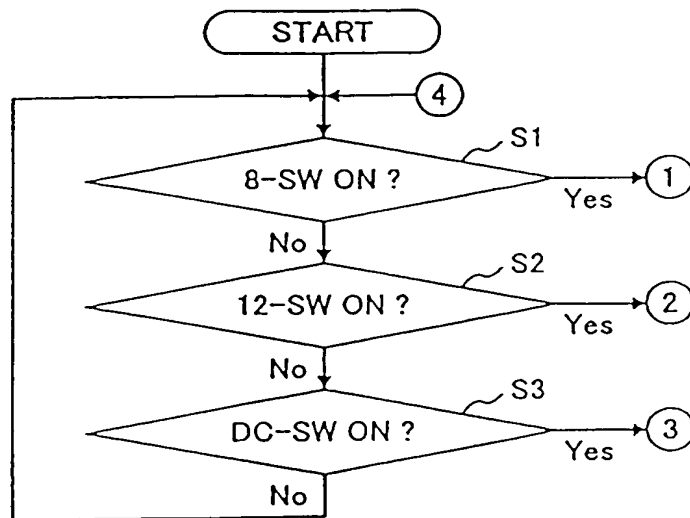


FIG. 23

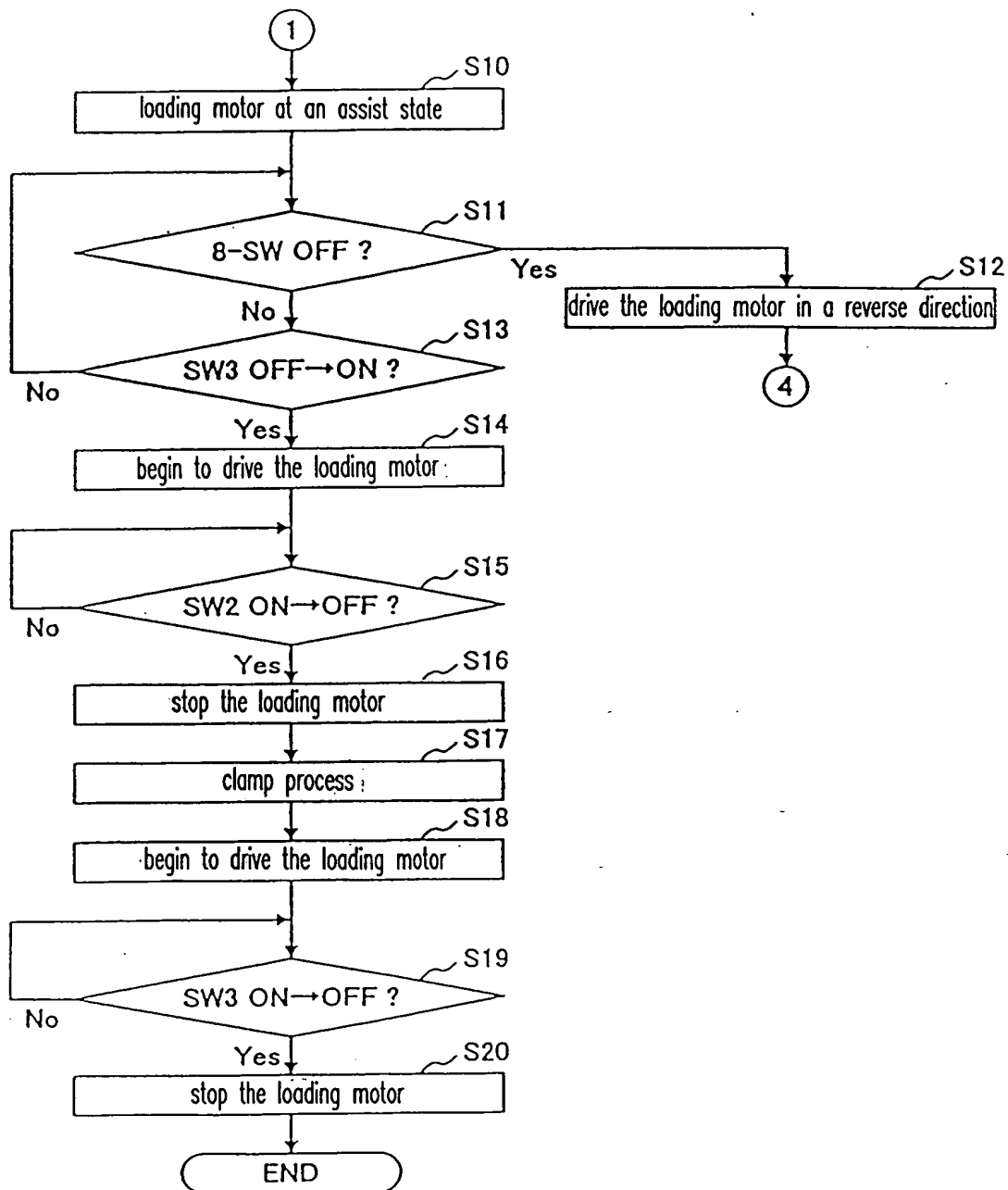


FIG. 24

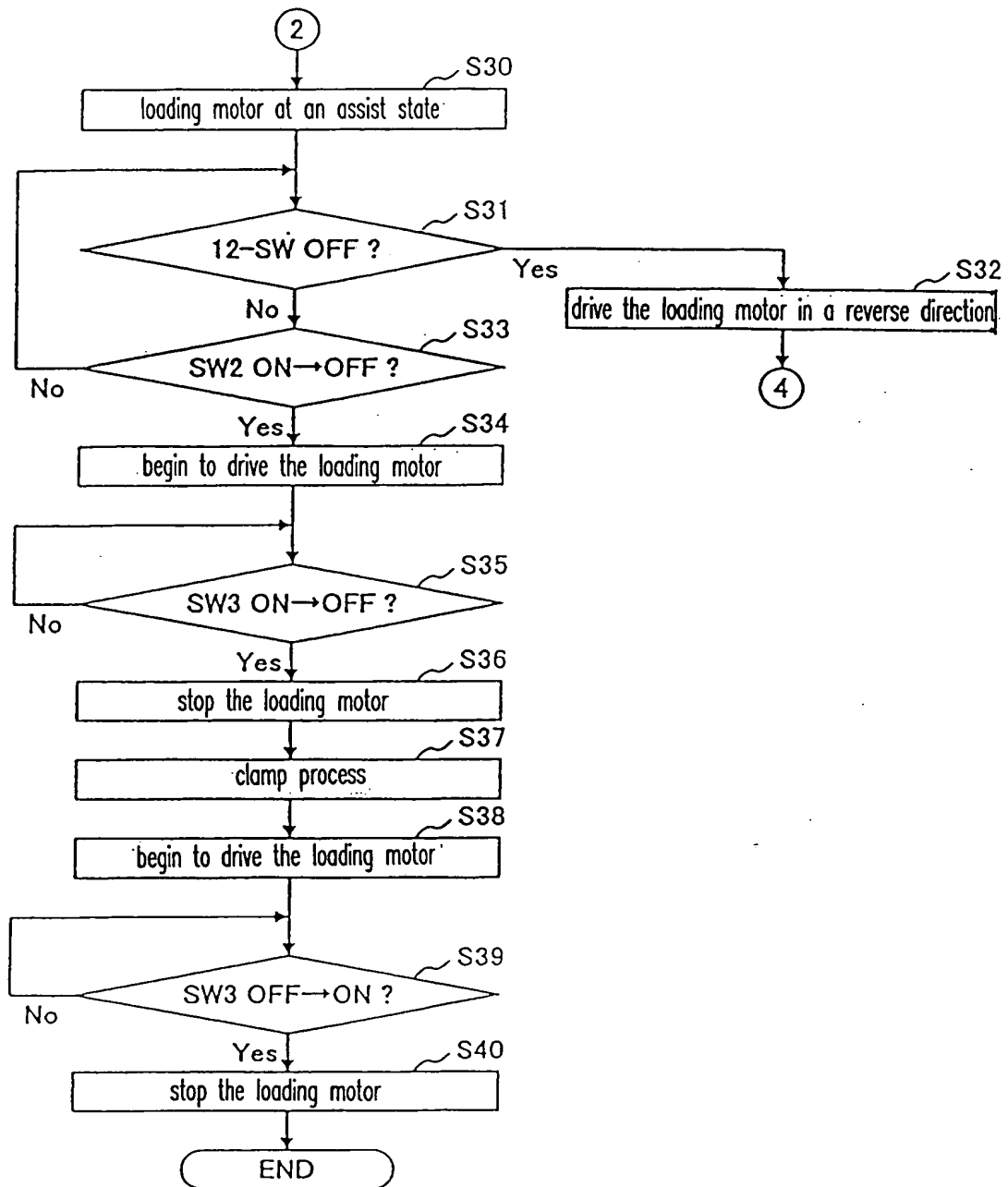


FIG. 25

```

graph TD
    3((3)) --> S50[loading motor at an assist state]
    S50 --> S51{DC-SW OFF ?}
    S51 -- Yes --> S52[drive the loading motor in a reverse direction]
    S52 --> 4((4))
    S51 -- No --> S53{SW1 OFF → ON ?}
    S53 -- No --> S51
    S53 -- Yes --> S54{SW3 OFF → ON ?}
    S54 -- No --> S51
    S54 -- Yes --> S55[begin to drive the loading motor]
    S55 --> S56{SW3 ON → OFF ?}
    S56 -- No --> S56
    S56 -- Yes --> S57{SW3 OFF → ON ?}
    S57 -- No --> S56
    S57 -- Yes --> S58[stop the loading motor !]
    S58 --> S59[clamp process]
    S59 --> END([END])

```

FIG. 26